

## ABSTRACT OF THE DISCLOSURE

Systems and methods consistent with embodiments of the present invention are provided for determining whether and how to coat a prosthesis prior to surgery. In accordance with one embodiment of the invention, a method for coating a prosthesis is provided that includes providing information from one or more sources; electronically analyzing the information to generate at least one treatment plan for coating a prosthesis; and instructing a prosthesis coating device to coat the prosthesis based on the treatment plan.

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